

Message Text

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ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-11 INR-10 NSAE-00 RSC-01

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FM SECSTATE WASHDC

TO USMISSION OECD PARIS

INFO AMEMBASSY LONDON

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C O N F I D E N T I A L STATE 127328

EXCON

EO 11652: XGDS-1

TAGS: ESTC, COCOM, US, UR, UK

SUBJ: US A/ D CONVERTER TO USSR - IL 1568

REFS: A. COCOM DOC(73)865

B. OECD PARIS 16405

RE PARAGRAPH 2 REF B: THE CONVERSION RATE IS UNRELATED TO THE PURPOSE OF THE RESEARCH, IE, ENVIRONMENTAL CONTROL, BUT IS REQUIRED BY THE NATURE OF THE RESEARCH, IE, ACTIVATION ANALYSIS INVOLVING DETERMINATION OF IMPURITIES IN MATERIALS BY BOMBARDMENT OF THE SAMPLE MATERIAL WITH NEUTRONS OR OTHER PARTICLES TO FORM RADIOACTIVE PRODUCTS, THEN ANALYZING THE RADIOACTIVITY PRODUCED BY USING CONVENTIONAL RADIATION SPECTROMETER ANALYZERS. A/ D CONVERTERS FOR RADIATION SPECTROMETRY COMMONLY HAVE CONVERSION RATES SIMILAR TO THE ONE IN THIS CASE. SEE (73)429 (HUNGARY) FOR A RECENT APPROVAL OF A SIMILAR US CONVERTER FOR SUCH AN APPLICATION.

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COCOM DOC(73)958 IS AN EXCEPTION REQUEST FOR STILL ANOTHER
SIMILAR CONVERTER FOR A SIMILAR END USE.

RE PARAGRAPH 3 REF. B: THE SAMPLE EMITS RADIATION WHICH
FALLS ON A DETECTOR. THE OUTPUT FROM THE DETECTOR IS
SENSED BY ELECTRONICS WHICH PRODUCE A PULSE CORRESPONDING
TO THE RADIATION FALLING ON THE DETECTOR. THE CONVERTER
DIGITIZES THE PULSES. THE OUTPUT OF THE CONVERTER IS
ANALYZED TO PRODUCE AN ENERGY SPECTRUM. THE STUDIES
ENTAIL THE MEASUREMENT OF SMALL AMOUNTS OF IMPURITIES IN
MATERIALS. THIS TECHNIQUE CAN BE USED TO DETECT THE
PRESENCE OF A VARIETY OF TYPES OF IMPURITIES IN A VARIETY
OF MATERIALS. ROGERS

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NNNNMAFVVZCZ

*** Current Handling Restrictions *** n/a

*** Current Classification *** CONFIDENTIAL

Message Attributes

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Current Classification: UNCLASSIFIED
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Draft Date: 28 JUN 1973
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: elyme
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Drafter: EFINE: MAR
Enclosure: n/a
Executive Order: X1
Errors: n/a
Film Number: n/a
From: SECSTATE WASHDC
Handling Restrictions: n/a
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ISecure: 1
Legacy Key: link1973/newtext/t19730631/aaaajrfu.tel
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Original Classification: CONFIDENTIAL
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US Department of State
EO Systematic Review
30 JUN 2005

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Secure: OPEN
Status: <DBA CORRECTED> srp 980302
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